

Form C-104
Rev. 10/07

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Date Sept 8 2008

Contract ID 080229-408

Job No. J4P1851

County Jackson

Route 70

Original Bid Cost 1,186,725.25

Contractor Comanche Construction Inc

By Joe Ritz

Designed By Comanche Construction Inc

Phone 913-782-2980

VECP # VECP 08-79

VECP ☐ or VEC/PDU C. ☒

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

Contract required traffic to be partially moved onto shoulder. By leaving traffic in existing lanes, existing pavement striping could be used. This eliminated the need for temporary striping. Also the amount of temporary barrier was reduced.

2. Estimate of reduction in construction costs. \$25416.20 See attached sheet

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

none

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

Sept 8, 2008

(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

Sept 30 2008

(date)

(effect)

6. Dates of any previous or concurrent submission of the same proposal.

(date and/or dates)

Additional Comments:

**** Portion Below This Line To Be Filled Out by MoDOT ****

Comments:

This change was approved prior to use. The plans provide a much larger work area than the contractor needed to replace the joints. By allowing the use of the existing striping, motorists were provided additional lanes, wider lanes and a shoulder area in 3 out of 4 phases. Additionally, the plans provided for more concrete barrier than was necessary on eastbound I-70, Phase 2, due to the expansion joint locations in the traffic control sheets did not match the bridge sheets. I recommend approval as a practical design value engineering for project underruns.

Shelie Daniel

Submitted By Resident Engineer

9-18-08

Date

Comments:

AGREED BASED ON 75/25 SPLIT

☒ Approval
Recommended

☐ Rejection
Recommended

Elizabeth A. Nyst

District Engineer

(FV)

9/19/08

Date

Comments:

APPROVED PER DISTRICT RECOMMENDATION

☒ Approval

☐ Rejection

David D. Coates

State Construction and Materials Engineer

by JGH

9-22-08

Date

Distribution: Resident Engineer, Project Manager, District Operations Engineer, State Construction and Materials Engineer
*Value Engineering Administrator - *MoDOT, P.O. Box 270, Jefferson City, MO 65102

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☒ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

_____ Modify traffic control plan to improve traffic flow and reduce quantities.

SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

_____ Scan entire document.